

ABSTRACT OF THE DISCLOSURE

A developing device configured such that an amount of weakly charged toner in a two-component developer passing through an opening in the device per unit time is not greater than 200 g·mm/min, wherein the amount of weakly charged toner is expressed by an equation, which is

the amount of weakly charged toner [g·mm/min] = total amount of the two-component developer to be drawn [g/min] × length of the opening [mm] × a concentration of toner [wt%] × percentage of weakly charged toner [%].